

ABSTRACT OF THE DISCLOSURE

A process for producing cables, in particular cables for the distribution of electrical energy or cables for telecommunications, more particularly, cables having at least one covering layer having a composition of high viscosity. Cables with at least one covering layer are made from a polymeric composition having a mineral filler capable of imparting one or more specific properties to the cables. A production process includes conveying at least one conducting element inside of an extruder; feeding the polymeric material, optionally premixed with other components of the composition, into the extruder; filtering the material transferred and plasticized by the screw of the extruder; and depositing the material onto the at least one conducting element, the filtration operation being performed with a filtration efficiency greater than 0.8, preferably greater than 0.9.

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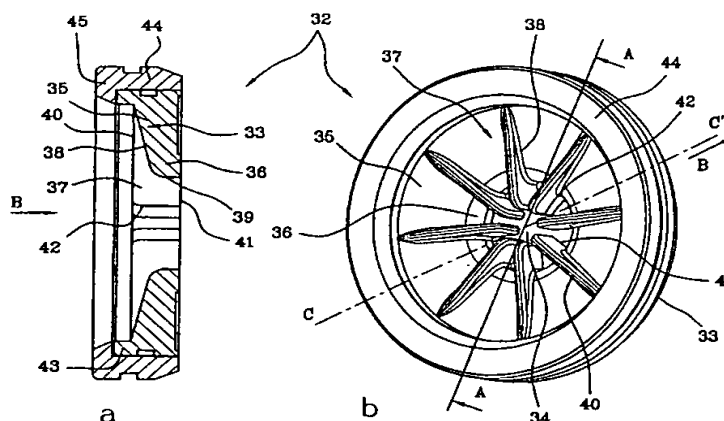
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(54) Title: **PROCESS FOR THE PRODUCTION OF A CABLE AND DEVICE FOR PERFORMING THIS PROCESS**



(57) Abstract: The present invention concerns a process for producing cables, in particular cables for the distribution of electrical energy or cables for telecommunications, more particularly, cables having at least one covering layer comprising a composition of high viscosity. More particularly, the present invention concerns cables having at least one covering layer comprising a polymeric composition comprising a mineral filler capable of imparting one or more specific properties to the aforesaid cables. In accordance with the present invention, said production process comprises the stages of: conveying at least one conducting element inside of an extruder; feeding the polymeric material, optionally premixed with other components of said composition, into said extruder; filtering the material transferred and plasticized by the screw of said extruder; depositing said material onto said at least one conducting element, the filtration operation being performed with a filtration efficiency greater than 0.8, preferably greater than 0.9. The present invention concerns, in addition, an apparatus for the purpose of performing the production process mentioned above.